Attorney Docket No. 960253/HG

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Mitsuru ADACHI et al.

Serial No.

: 08/672,378

May 28, 1996

METHOD AND APPARATUS FOR SHAPING SEMISOLID METALS

Art Unit

: 1722

Examiner

: R. Batten

LETTER TO THE OFFICIAL DRAFTSPERSON

Assistant Commissioner for Patent's Washington, D.C. 20231

APR 0 6 1999

SIR:

GPA112 1700

This is in response to the NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW enclosed with the October 29, 1998 Office Action.

Submitted herewith are red inked marked-up copies showing the changes to the drawings and formal drawings including such changes for Figs. 25, 30, 33, 38, 43, 45, 51 and 69. substitute the enclosed drawings for Figs. 25, 30, 33, 38, 43, 45, 51 and 69 as originally filed.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope

addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231,

on the date noted below.

Attorney: RICHARD S. BARTH

Dated: March 26, 1999

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by check attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper, to Account No. 06-1378.

It is respectfully submitted that the enclosed drawing sheets obviate the objections set forth in said NOTICE.

Respectfully submitted,

RICHARD S. BARTH REG. NO. 28,180

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Enclosure: red inked marked-up copies and formal drawings for Figs. 25, 30, 33, 38, 43, 45, 51 and 69

FIG. 25

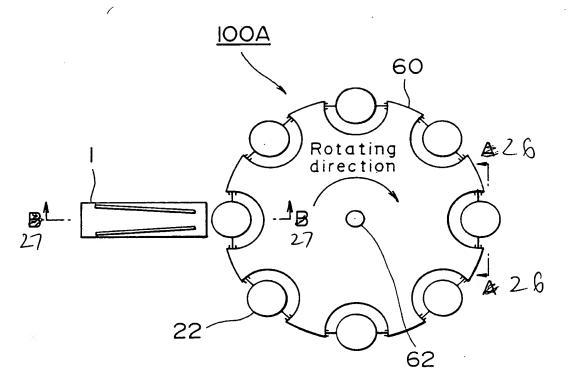
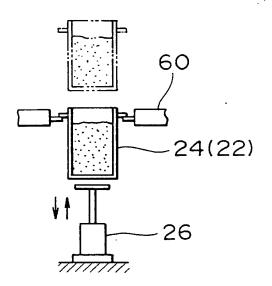
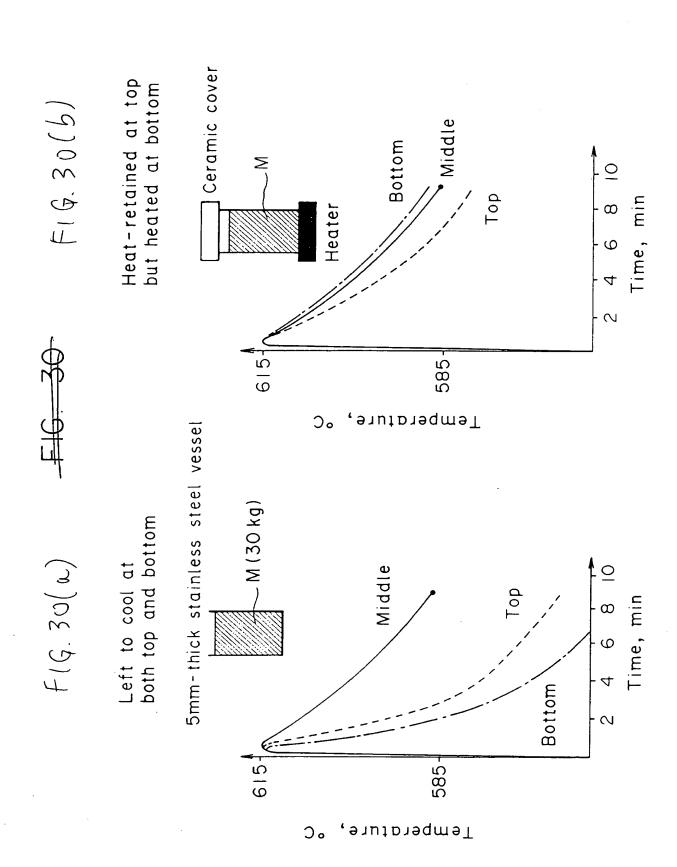


FIG. 26





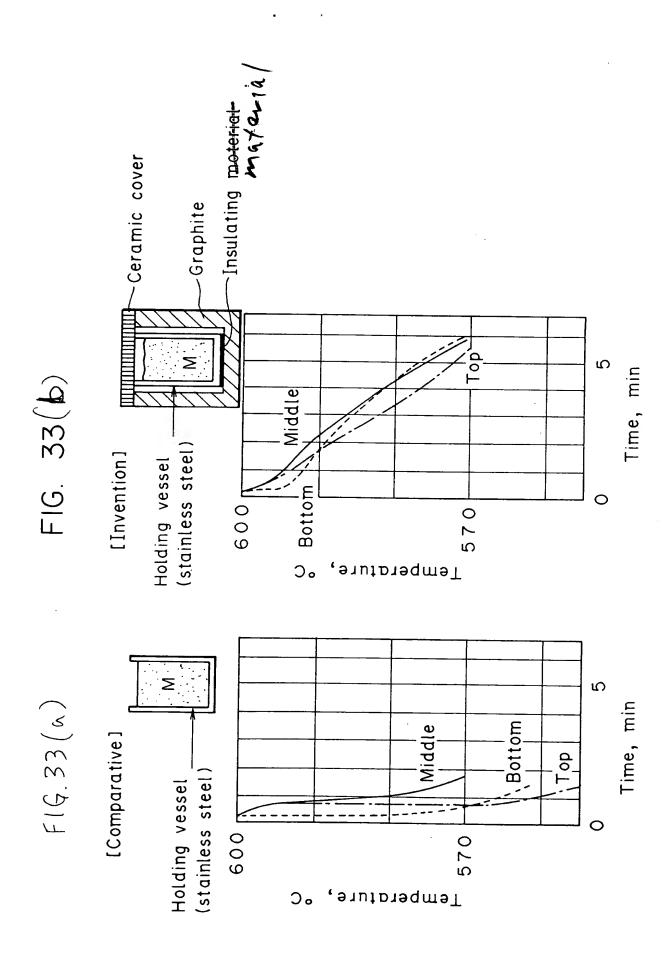
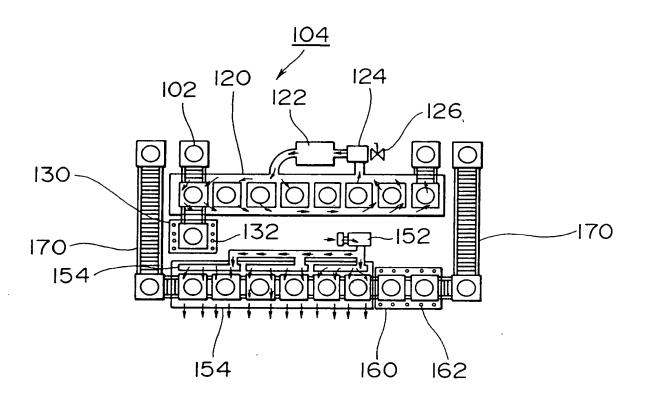


FIG. 37



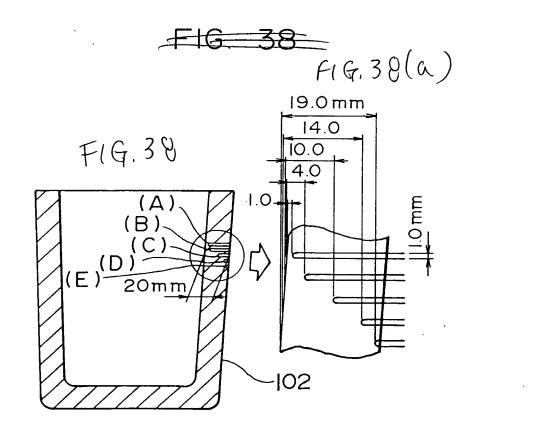


FIG. 42

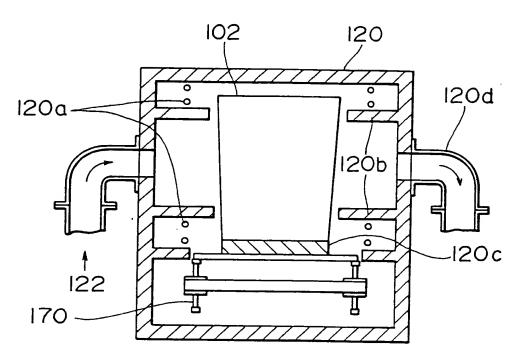
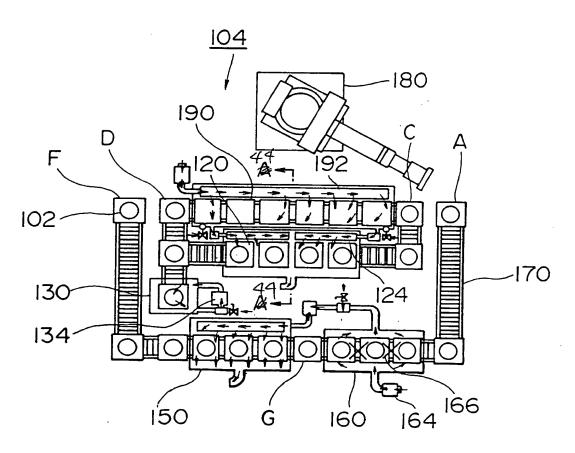


FIG. 43



F16.5+

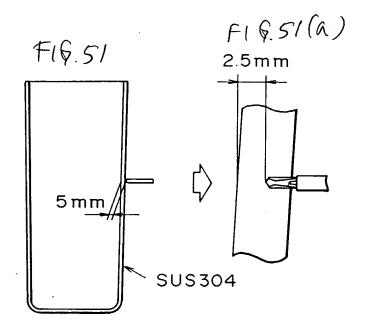
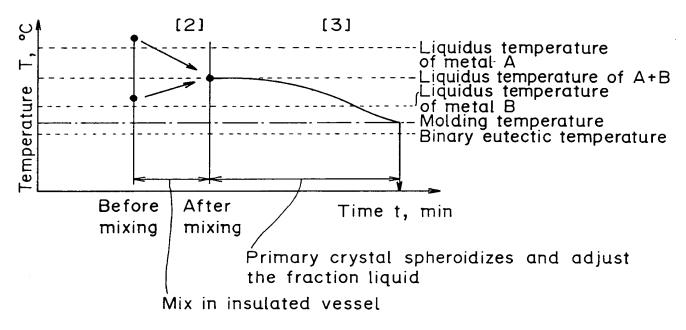


FIG. 69 (α)

From a mixture of two molten metals A and B



From two molten metals A and B (including crystal nuclei) that were mixed after cooling with cooling jig

